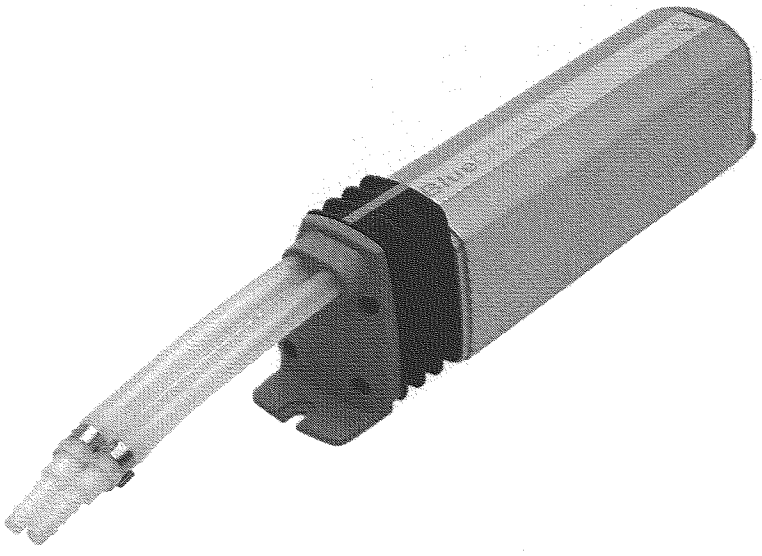
Installation & Operating instructions For the Condensate Pump

Condensing Boiler Accessories



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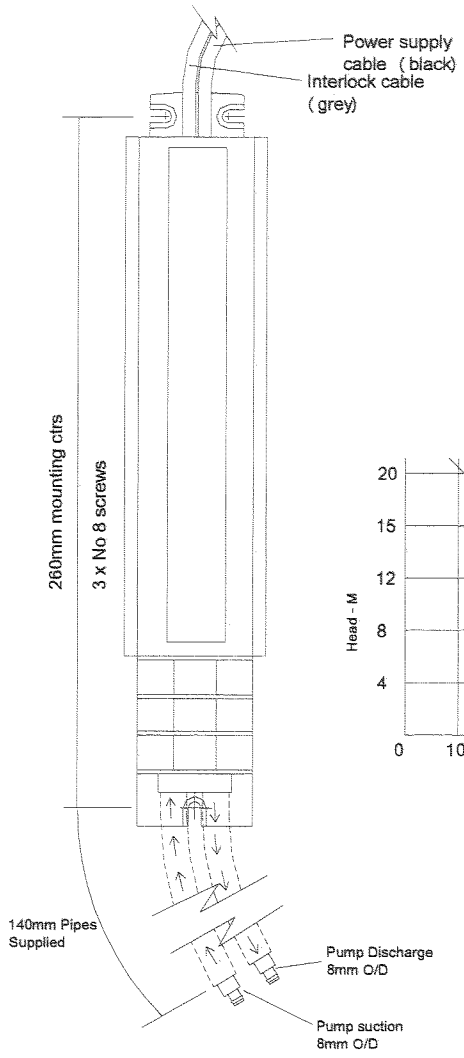
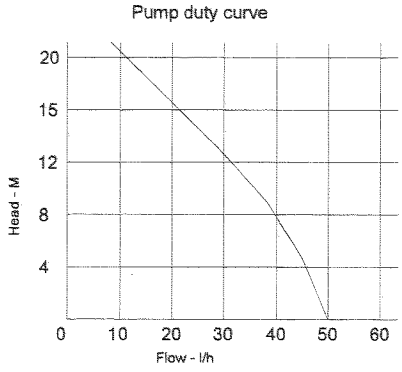
Technical details


Power supply cable (black)
Interlock cable (grey)
260mm mounting ctrs
3 x No 8 screws
140mm Pipes Supplied
Pump Discharge 8mm O/D
Pump suction 8mm O/D



Pump Unit

Size

280mm long x 54mm wide x 66mm high

Weight

1 kg

Max flow rate

50 l/h

Max suction lift

7 Meters

Max discharge height

20 Meters

Voltage

230v single phase 1 amp supply

Maximum operating temperature

130°C (Thermally protected)

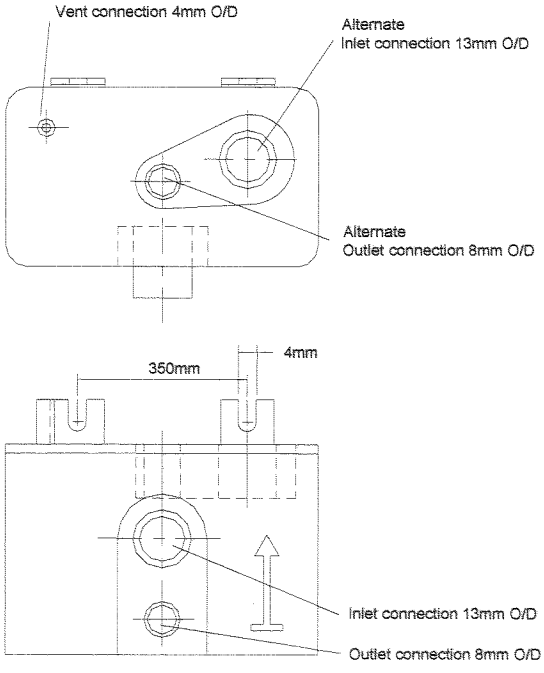
Safety Notice:

This unit must be connected to a fused / double pole switched spur rated at 1 amp

Do not install the pump unprotected externally or internally in a damp environment

Do not immerse in water or exposed to frost conditions

Ensure that pipework and installation is clear of debri before use



Reservoir Unit

Size

70mm wide x 40mm deep x 50mm high

Inlet connection

13mm O/D

Outlet connection

8mm O/D

Vent pipe

4mm O/D (500mm pipe supplied)

Installation

⇒ Mount the Reservoir unit in a clean, dry, frost free area. The reservoir must be mounted on or against a vertical wall (as indicated by the arrow) using No 8 screws in the slots provided. The reservoir MUST be below the boiler to allow condensate to drain into it. Clip the supplied 4mm vent pipe vertically up the wall above the reservoir

⇒ Connect a 13mm bore plastic pipe to one of the reservoir outlet connections and run to the boiler condensate outlet connecting to it by using the supplied multi diameter adaptor

⇒ Mount the Condensate pump unit adjacent to or above the reservoir (Max 1.5M away from reservoir). Pump can be mounted vertical or horizontally to suit.

⇒ Plug reservoir sensor into pump socket (situated below cables)

⇒ Connect an 8mm bore plastic pipe from the reservoir outlet to the pump inlet

⇒ Connect an 8mm bore plastic pipe from the pump discharge connection and run to drain position (Max discharge height above pump 10 meters)

⇒ Connect pump mains supply cable to a local switched spur outlet fused for 1 amp

⇒ Connect Alarm contact wires to the boiler external interlock - (see wiring details)

⇒ Test the pump function by pour ing water down the 13mm pipe to the reservoir inlet

Boiler interlock wiring Details

Quinta range

Remove link across terminals 10 and 14 and connect yellow to 10 and black to 14 - If the pump fails this circuit will open shuttiing the boiler down with a code displayed on the boiler

Gas 210 range

Remove fitted link across terminals 1 and 2 on X9 block and connect yellow wire to terminal 1 and black to 2 - if the pump fails this circuit will open shutting the boiler down into a lockout mode with a flashing code displayed on the boiler. This will require manual re-set.

NOTE:

The spare red cable must be made safe in a terminal block

For multi boiler aplications the interlock must be paralleled up to ensure all boilers shut down on pump faiure

Condensing Boiler Accessories

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